











ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
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Title of Invention	Server and Multiple Sensor System for Monitoring Activity in a Shared Radio Frequency Band						
<div>Application Number: 10/717852</div> <div>Confirmation Number: 1708</div> <div>First Named Applicant: Neil Diener</div> <div>Attorney Docket Number: Cognio109US</div> <div>Art Unit: 2681</div> <div>Search string: (4839582 or 5608727 or 6084919 or 6418131 or 6385434 or 6229998 or 6351643 or 5093927 or 5142691 or 5355522 or 5276908 or 6332076 or 6349198 or 5144642 or 5907812 or 5745777 or 6336780 or 6275695 or 6169728 or 6141565 or 5809427 or 5610839 or 5608727 or 5574979 or 6256478 or 6374082 or 6499006 or 6317599 or 6442507 or 6229799 or 5850596 or 6307839 or 5655217 or 5889772 or 6031833 or 5636140 or 6295461 or 5732077 or 5864541 or 5428819 or 6167237 or 6374079 or 5636903 or 6212566 or 20030123420 or 20020086641 or 20020155811 or 20020142744 or 20020177446 or 20020050012 or 20020019214 or 20020085503 or 20020154614 or 20010008837 or 20020077787 or 20020006799 or 20020111772 or 20030198200 or 20030198304 or 20030224741 or 20040023674 or 20040028003 or 20040028123).pn.</div> <div></div>							
US Patent Documents Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	4839582	1989-06-13	Fukaya et al.		324	77B
	2	5608727	1997-03-04	Perreault et al		370	462
	3	6084919	2000-07-04	Kleider et al.	A1	375	285
	4	6418131	2002-07-09	Snelling et al.	B1	370	337
	5	6385434	2002-05-07	Chuprun et al.	B1	455	11.1

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6	6229998	2001-05-08	Hamdy et al.	B1	455	226.1
7	6351643	2002-02-26	Haartsen	B1	455	450
8	5093927	1992-03-03	Shanley		455	513
9	5142691	1992-08-25	Freeburg		455	63.3
10	5355522	1994-10-11	Demange		455	62
11	5276908	1994-01-04	Koohgoli et al		455	34.1
12	6332076	2001-12-18	Shah et al.		455	423
13	6349198	2002-02-19	Carlson et al.		455	63.1
14	5144642	1992-09-01	Weinberg et al.		375	10
15	5907812	1999-05-25	Van De Berg		455	461
16	5745777	1998-04-28	English et al.		375	228
17	6336780	2002-04-02	Obhan		455	423
18	6275695	2002-08-14	Obhan		455	423
19	6169728	2002-01-02	Perreault et al.		370	235
20	6141565	2000-10-31	Feuerstein et al.		455	560
21	5809427	1998-09-15	Perreault et al.		455	513
22	5610839	1997-03-11	Karolak et al.		455	450
23	5608727	1997-03-04	Perreault et al.		370	462
24	5574979	1996-11-12	West		455	63.1
25	6256478	2001-07-03	Allen		455	63.1
26	6374082	2002-04-16	Carlson		455	63.1
27	6499006	2002-12-24	Rappaport et al		703	20
28	6317599	2001-11-13	Rappaport et al		455	446
29	6442507	2002-08-27	Skidmore et al		702	186
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32	6307839	2001-10-23	Gerszberg et al		370	235
33	5655217	1997-08-05	Lamson		455	513
34	5889772	1999-03-30	Fischer et al		370	346
35	6031833	2000-02-29	Fickes et al		370	349
36	5636140	1997-06-03	Lee et al		370	469
37	6295461	2001-09-25	Palmer et al		455	557
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39	5864541	1991-01-26	Abu-Amara et al		370	253
40	5428819	1995-06-27	Wang et al		455	454
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42	6374079	2002-04-16	Hsu	B1	455	11.1
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Note: Applicant is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
1	1	20030123420	2003-07-03	Sherlock	A1	370	338
2	2	20020086641	2002-07-04	Howard	A1	455	67.1
3	3	20020155811	2002-10-24	Prismantas et al	A1	455	226.1
4	4	20020142744	2002-10-03	Okanoue et al	A1	455	226.1
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6	6	20020050012	2003-03-13	Black et al	A1	455	62
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8	8	20020085503	2002-07-04	Hulyalkar et al	A1	370	252
9	9	20020154614	2002-10-24	Jagger et al	A1	375	332
10	10	20010008837	2001-07-19	Takahashi	A1	455	403
11	11	20020077787	2002-06-20	Rappaport et al	A1	702	188
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17	17	20040023674	2004-02-05	Miller	A1	455	462
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19	19	20040028123	2004-02-12	Sugar et al	A1	375	224

Signature

Examiner Name	Date
WILLIAM CUMMINGS PRIMARY EXAMINER	6/8/06



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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: Cognio109US
SERIAL NO.: 10/717,852
APPLICANT(S): Diener et al.

GROUP ART UNIT: 2681
FILING DATE: November 19, 2003
TODAY'S DATE: March 14, 2004

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Examiner Initial	Document Number	Date	Country	Class/Subclass	Translation (Yes or No)
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*Examiner Initial	Author, Title, Date, Pertinent Pages, Etc.
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BJ	FCC, "Report: Second Meeting of FCC Technological Advisory Council II," November 28, 2001.
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BL	Stamatelos et al., "Spectral Efficiency and Optimal Base Placement for Indoor Wireless Networks," May, 1996, IEEE Journal on Selected Areas in Communications.

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BM	publication date unknown.
BN	Jon Peha, "Spectrum Management Policy Options," 1998, IEEE Communications Surveys, Vol. 1, No. 1.
BO	Zafar Masood, "Interference Characterization in Unlicensed-National Information Infrastructure (U-NII) Band," unknown publication date.
BP	Stefan Pettersson, "Performance and Implementation Aspects of Wireless Indoor Communication Systems with Local Centralization," April, 2000, Dissertation submitted to the Royal Institute of Technology.
BQ	Mobilian Corporation, "Wi-Fi™ (802.11b) and Bluetooth™: An Examination of Coexistence Approaches," 2001. <u>NO MONTH LISTED</u>
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BX	Kevin Werbach, "Open Spectrum: The Paradise of the Commons," November 20, 2001, Release 1.0, Ester Dysons Monthly Rept, Vol 19, No. 10.
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BZ	Rodrigo Garces, "An Access Etiquette for Very-Wide Wireless Bands," October 12, 1998, IEEE IC3N '98: Seventh International Conference on Computers.
CA	K. Konston, "In Pursuit of A Wireless Bill of Rights," September 18, 2002, Spectrum Management Working Group FCC-TAC, pgs 1-15.
CB	Michael Yang et al., "On the Use of Unlicensed Frequency Spectrum, Use Rule Evolution, and Interference Mitigation," January 18, 2001, Adaptive Broadband.

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<i>MC</i>	Jon M. Peha, "Wireless Communications and Coexistence for Smart Environments," <u>October 2000</u> , IEEE Personal Communications.
<i>CD</i>	Durga P. Satapathy et al., "Spectrum Sharing Without Licenses: Opportunities and Dangers," <u>1996</u> , Proceedings of the Telecommunications Policy Research Conference. <i>NO MONTH LISTED</i>
<i>CE</i>	Xiaoxin Qui et al., "Network-Assisted Resource Management for Wireless Data Networks," <u>July 2001</u> , IEEE Journal on Selected Areas of Communications, Vol. 19, No. 7.
<i>CF</i>	Durga P. Satapathy et al., "A Novel Co-existence Algorithm for Unlicensed Fixed Power Devices," <u>September 2000</u> , IEEE Wireless Communications and Networking Conference.
<i>CG</i>	PCT Search Report from PCT application No. PCT/US03/13563 filed <u>April 22, 2003</u> .

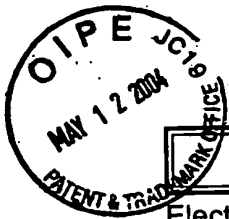
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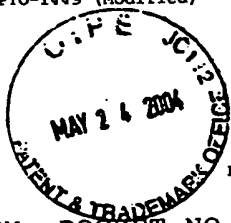
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Title of Invention	Server and Multiple Sensor System for Monitoring Activity in a Shared Frequency Band																																		
<p>Application Number: 10/717852 </p> <p>Confirmation Number: 1708</p> <p>First Named Applicant: Neil Diener</p> <p>Attorney Docket Number: Cognio109US</p> <p>Art Unit: 2681</p> <p>Search string: (6629151 or 6226680).pn.</p> <p>US Patent Documents</p> <p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p> <table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>6629151</td><td>2003-09-30</td><td>Bahl</td><td>B1</td><td>709</td><td>250</td></tr><tr><td></td><td>2</td><td>6226680</td><td>2001-05-01</td><td>Boucher et al.</td><td>B1</td><td>709</td><td>230</td></tr></tbody></table> <p>Signature</p> <table border="1"><thead><tr><th>Examiner Name</th><th>Date</th></tr></thead><tbody><tr><td>WILLIAM CUMMINGS PRIMARY EXAMINER</td><td><i>June 8, 2006</i></td></tr></tbody></table>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	6629151	2003-09-30	Bahl	B1	709	250		2	6226680	2001-05-01	Boucher et al.	B1	709	230	Examiner Name	Date	WILLIAM CUMMINGS PRIMARY EXAMINER	<i>June 8, 2006</i>
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	1	6629151	2003-09-30	Bahl	B1	709	250																												
	2	6226680	2001-05-01	Boucher et al.	B1	709	230																												
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: Cognio109US
 SERIAL NO.: 10/717,852
 APPLICANT(S): Diener et al.

GROUP ART UNIT: 2681
 FILING DATE: November 19, 2003
 TODAY'S DATE: May 21, 2004

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class/Subclass	Translation (Yes or No)
<i>BA</i>	WO 03/028313 A2	April 3, 2003	PCT	H04L 12/56	<i>—</i>
BB					

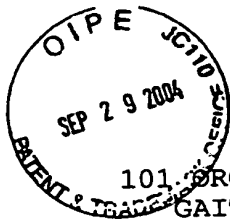
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LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.: Cognio109US
 SERIAL NO.: 10/717,852
 APPLICANT(S): Diener et al.

GROUP ART UNIT: 2681
 FILING DATE: November 19, 2003
 TODAY'S DATE: September 29, 2004

U.S. PATENT DOCUMENTS

*Examiner Initial	Document Number	Publication or Issue Date	Filing Date (if relevant)	Name	Class/Subclass
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

*Examiner Initial	Author, Title, Date, Pertinent Pages, Etc
<u>BA</u>	PT Search Report in International application number BCT/US03/36866 <i>no date</i>
<u>CB</u>	

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